

Storm Data and Unusual Weather Phenomena - January 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	01/07/15 01:00 CST	0		Cold/Wind Chill
	01/07/15 13:00 CST	0		
Arctic high pressure, associated with record or near record surface pressure, settled into the mid Missouri River Valley during the early morning on the 7th. The combination of arctic air with actual air temperatures from 5 below to 5 above zero, and winds of 15 to 30 mph with gusts to near 40 mph created wind chill values of 15 to 25 below zero starting in the early morning on the 7th continuing through the early afternoon in many areas.				
(IA-Z043) MONONA, (IA-Z055) HARRISON, (IA-Z056) SHELBY, (IA-Z069) POTTAWATTAMIE, (IA-Z079) MILLS, (IA-Z080) MONTGOMERY, (IA-Z090) FREMONT, (IA-Z091) PAGE				
	01/31/15 12:00 CST	0		Winter Storm
	01/31/15 23:59 CST	0		
A deep trough across the southwest United States moved into the southern Plains early on January 31st. Ahead of this system deep moisture spread northward across the central Plains. This broad, but persistent area of warm air advection led to increasing showers over Kansas, which moved northward into eastern Nebraska and western Iowa early on the 31st. This initial precipitation was a mix of light rain and snow through mid afternoon. As colder air, associated with a stronger northern stream trough and cold front, started to move into the area late Saturday afternoon and evening the precipitation turned to all snow and began to accumulate. Snow, occasionally moderate, continued into Saturday night diminishing to light snow on Sunday morning, before ending Sunday afternoon. Snowfall of 5 to 9 inches were common across east central and southeast Nebraska, as well as southwest Iowa. As the colder air moved into the area Saturday night winds switched from northeast to northwest and increased. Winds of 20 to 30 mph with gusts over 40 mph were common into the day on Sunday that led to considerable blowing and drifting snow. The combination of falling and blowing snow resulted in reduced visibilities and very difficult driving conditions. This winter storm continued into February.				
NEBRASKA, East				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z030) BOONE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045) WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA				
	01/07/15 00:00 CST	0		Cold/Wind Chill
	01/07/15 14:00 CST	0		
Arctic high pressure, associated with record or near record surface pressure, settled into the mid Missouri River Valley during the early morning on the 7th. The combination of arctic air with actual air temperatures from 5 below to 5 above zero, and winds of 15 to 30 mph with gusts to near 40 mph created wind chill values of 15 to 25 below zero starting in the early morning on the 7th continuing through the early afternoon in many areas.				
DOUGLAS COUNTY --- 5.1 SW WATERLOO [41.22, -96.36], 5.8 SSW WATERLOO [41.20, -96.35], 5.6 SSW WATERLOO [41.21, -96.34], 4.9 SW WATERLOO [41.22, -96.36]				
	01/27/15 02:05 CST	0		Flood (due to Ice Jam)
	01/29/15 10:00 CST	0		Source: Emergency Manager
An ice jam was reported along the Platte River during the early morning hours on the 27th, flooding portions of Twin Rivers State Park. The jam eventually broke free the early morning of the 29th.				
Flooding occurred along the Platte River due to an ice jam. The majority of the flooding was at the Two Rivers State Park and lowland areas on both sides of the river. During the early morning hours of January 27th, water was reported crossing the road into Two Rivers State Park. Waterloo Fire was dispatched to rescue three people stranded on top of a pickup on a road inside the park. A second vehicle was swept off the road and a couple was rescued from the park, also by Waterloo Fire. On January 29th, the Papio-NRD brought in their explosives contractor to begin dynamite operations to break up the jam. By late that morning, the ice jam released on its own, thus eliminating the need for the use of dynamite. Due to the high water, there was some concern the Clear Creek levee could become compromised. However, the Corp of Engineers had contractors onsite and they were able to fix the levee. The jam started just north of where F street meets the Platte River and extended about 2.1 miles downstream.				
(NE-Z011) KNOX, (NE-Z012) CEDAR, (NE-Z015) THURSTON, (NE-Z034) BURT, (NE-Z042) PLATTE, (NE-Z043) COLFAX, (NE-Z044) DODGE, (NE-Z045)				

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WASHINGTON, (NE-Z050) BUTLER, (NE-Z051) SAUNDERS, (NE-Z052) DOUGLAS, (NE-Z053) SARPY, (NE-Z065) SEWARD, (NE-Z066) LANCASTER, (NE-Z067) CASS, (NE-Z068) OTOE, (NE-Z078) SALINE, (NE-Z088) JEFFERSON, (NE-Z089) GAGE, (NE-Z090) JOHNSON, (NE-Z091) NEMAHA, (NE-Z092) PAWNEE, (NE-Z093) RICHARDSON				
	01/31/15 06:00 CST		0	Winter Storm
	01/31/15 23:59 CST		0	
(NE-Z016) ANTELOPE, (NE-Z017) PIERCE, (NE-Z018) WAYNE, (NE-Z031) MADISON, (NE-Z032) STANTON, (NE-Z033) CUMING				
	01/31/15 13:00 CST		0	Winter Weather
	01/31/15 23:59 CST		0	

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